

GRADE-BY-GRADE MASTER SUPPLY LISTS
*for the entire module (lesson by lesson supply lists found at the beginning of
each lesson plan)*

Kindergarten

- Large white paper for note-taking
- 3 different colors of construction paper or poster board
- Colored construction paper
- White construction paper
- Dry erase markers / chalk for teacher note taking on board
- Black marker
- Markers / crayons / pencils
- Scissors
- Glue
- World map
- Hand bell (to ring)
- Wooden unit blocks or other large blocks to set up as “dominoes”
- Large plastic tub
- Water toys
- Dynamo flashlight
- Hot plate
- Small pan to heat water
- Tea kettle with a functioning whistle
- 10 small plastic containers (dip their hands into)
- 10 towels
- 1 solar hot water heating bag
- Short piece of rope (for hanging the bag if necessary)
- Plastic measuring cup
- Large reading thermometers (1 for every 3 students)
- 1 cup for every student
- dried soup mix OR
- powdered cocoa mix OR
- any dried treat you can mix & serve using warm water

- *House and Homes* by Ann Morris
- *Bread Bread Bread* by Ann Morris
- *A Cool Drink of Water* by Barbara Kerly
- *Women in the Material World* by Faith D’Aluisio and Peter Menzel

1st Grade

- Large white paper for note-taking
 - 4 different colors of construction paper or poster board
 - White construction paper
 - Graph paper
 - Black marker
 - Markers / crayons / pencils
 - Scissors
 - Glue
 - World map
 - Hand bell (to ring)
 - Wooden unit blocks or other large blocks to set up as “dominoes”
 - Large plastic tub
 - Water toys
 - Dynamo flashlight
 - Hot plate
 - Small pan to heat water
 - Tea kettle with a functioning whistle
 - Vortex blender
 - Forever flashlight
 - Hot plate
 - Solar hot water bag
 - Plastic measuring cup
 - Large read thermometers (1 per every 3 students)
 - 1 cup for every student
 - dried soup mix OR
 - powdered cocoa mix OR
 - any dried treat you can mix & serve using warm water
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- *House and Homes* by Ann Morris
 - *Bread Bread Bread* by Ann Morris
 - *A Cool Drink of Water* by Barbara Kerly
 - *Women in the Material World* by Faith D’Aluisio and Peter Menzel

2nd Grade

- Large white paper for note-taking
- 4 different colors of construction paper or poster board
- Large white construction paper
- Black marker
- Pens / pencils / markers
- World map
- Maria Telkes Mini-Book
- Energy Stories Picture-Packets
 - Illustrator: Jessica Western
- Potential Energy & Energy Conversion Table
- Absorption and Reflection Student hand-out (or use as overhead)
- Hand bell (to ring)
- Wooden unit blocks or other large blocks to set up as “dominoes”
- Large plastic tub
- Water toys
- Dynamo flashlight
- Hot plate
- Small pan to heat water
- Tea kettle with a functioning whistle
- 1 Pillar Candle
- Matches
- 1 large glass jar (mayonnaise size)
- Clamp light
- Extension cord
- Incandescent light bulb
- IR Thermometer
- Various styles of solar cookers
- Solar cookers (already built)
- Tin cans for cooking bread
- Pans for cooking rice / solar oven cooking
- Recipes

3rd Grade

- Large white paper for note-taking
- 4 different colors of construction paper or poster board
- Large white construction paper
- Black marker
- Pens / pencils / markers
- World map
- Maria Telkes Mini-Book
- Absorption and Reflection Student hand-out (or use as overhead)
- Solar Cooker Designs Student hand-out (or use teacher overhead): Tin cans for cooking bread
- Energy Stories Student-Packets
- Hand bell (to ring)
- Wooden unit blocks or other large blocks to set up as “dominoes”
- Large plastic tub
- Water toys
- Dynamo flashlight
- Hotplate
- Tea Kettle with functioning whistle
- Dynamo flashlight
- 1 Pillar Candle
- Matches
- 1 large glass jar (mayonnaise size)
- Extension cord
- Incandescent light bulb
- IR Thermometer
- Solar cookers (already built)
- Tins for baking bread
- Pans for making rice / solar oven cooking
- Recipes

4th Grade

- Large white paper for note-taking
- 4 different colors of construction paper or poster board
- Large white construction paper
- Black marker
- Pens / pencils / markers
- World map
- Maria Telkes Mini-Book
- Absorption and Reflection Student hand-out (or use as overhead)
- Solar Cooker Designs Student hand-out (or use teacher overhead): Tin cans for cooking bread
- Energy Stories Student-Packets
- Hand bell (to ring)
- Wooden unit blocks or other large blocks to set up as “dominoes”
- Large plastic tub
- Water toys
- Dynamo flashlight
- Hotplate
- Tea Kettle with functioning whistle
- Dynamo flashlight
- 1 Pillar Candle
- Matches
- 1 large glass jar (mayonnaise size)
- Extension cord
- Incandescent light bulb
- IR Thermometer
- Solar cookers (already built)
- Pans for cooking stews
- Recipes

NOT INCLUDED: SUPPLIES TO BUILD SOLAR COOKERS

5th Grade

- Large white paper for note-taking
 - 4 different colors of construction paper or poster board
 - 18 x 24 white paper
 - Graph paper
 - Black marker
 - Pencils / Pens / Markers
 - Note-taking journals
 - Clipboards
 - EnergyGuide student hand-outs (or use as overhead)
 - What is an EnergyGuide
 - EnergyGuide Game Cards
 - Copy of Utility Bill Student hand-out (or use as overhead)
 - Energy Analysis Student hand-outs
 - Energy Cost Analysis
 - Life Cycle Analysis Chart
 - Energy Use Compilation Student hand-out
 - Hand bell (to ring)
 - Wooden unit blocks or other large blocks to set up as “dominoes”
 - Large plastic tub
 - Water toys
 - Dynamo flashlight
 - Hotplate
 - Tea Kettle with functioning whistle
 - Crackers
 - Pillar candle
 - Matches
 - IR Thermometer
 - Power Strip
 - Clamp lights
 - 2 incandescent–75-watt & 35-watt
 - 1 CFL–23-watt
 - Watt meter
 - Blow dryer
 - Clock
 - Radio
- *The Magic School Bus and the Electric Field Trip* by Joanna Cole & Bruce Degan

6th Grade

- Large white drawing paper
- Pencils
- Erasers
- Colored pencils
- Clipboards
- Note-taking journals
- Student Hand-out: Ground Rules for Effective Small Group Projects
- School Building Survey form
- Inventory Checklist
- Student Hand-out: Presentation Ground Rules

- Video: *Kilowatt Ours* (www.KilowattOurs.org)
- Video: *Simple Things Your School Can Do To Save Energy* (www.videoproject.com)